



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Detection of Small Nucleic Acids**, the specification of which was filed on **12/18/2003** as Application Serial No. **10/740,256**. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

60/434,518
60/443,814

12/18/02
01/03/03

Abandoned
Abandoned

Application Serial No.

Filing Date

Patented, Pending or Abandoned

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: **James E. Dahlberg**

Inventor's Signature: *James E. Dahlberg*

Date: May 13, 2004

Residence: 1119 Merrill Springs Road, Madison, WI 53705

Citizenship: United States of America

Post Office Address: 1119 Merrill Springs Road, Madison, WI 53705

Full Name of Second Joint Inventor: **Hatim T. Allawi**

Inventor's Signature: _____

Date: _____

Residence: 1138 N. High Point Road, #110, Madison, WI 53717

Citizenship: Jordan

Post Office Address: 1138 N. High Point Road, #110, Madison, WI 53717

Full Name of Third Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____

Date: _____

Residence: 2523 Carriedale Court, Madison, WI 53711

Citizenship: Russia

Post Office Address: 2523 Carriedale Court, Madison, WI 53711

Full Name of Fourth Joint Inventor: **Bruce P. Neri**

Inventor's Signature: _____

Date: _____

Residence: 5714 Kilkenney Place, Madison, WI 53711

Citizenship: United States of America

Post Office Address: 5714 Kilkenney Place, Madison, WI 53711



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Full Name of Sole or First Inventor: **James E. Dahlberg**

Inventor's Signature: _____ Date: _____
Residence: 1119 Merrill Springs Road, Madison, WI 53705 Citizenship: United States of America
Post Office Address: 1119 Merrill Springs Road, Madison, WI 53705

Full Name of Second Joint Inventor: **Hatim T. Allawi**

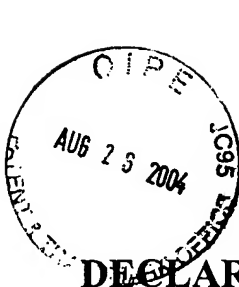
Inventor's Signature: _____ Date: 6/28/04
Residence: 1138 N. High Point Road, #110, Madison, WI 53717 H-TA Citizenship: Jordan
Post Office Address: 1138 N. High Point Road, #110, Madison, WI 53717 H-TA

Full Name of Third Joint Inventor: **Victor Lyamichiev**

Inventor's Signature: _____ Date: 6/30/04
Residence: 2523 Carriedale Court, Madison, WI 53711 Citizenship: Russia
Post Office Address: 2523 Carriedale Court, Madison, WI 53711

Full Name of Fourth Joint Inventor: **Bruce P. Neri**

Inventor's Signature: _____ Date: _____
Residence: 5714 Kilkenny Place, Madison, WI 53711 Citizenship: United States of America
Post Office Address: 5714 Kilkenny Place, Madison, WI 53711



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Full Name of Sole or First Inventor: **James E. Dahlberg**

Inventor's Signature: _____
Residence: 1119 Merrill Springs Road, Madison, WI 53705
Post Office Address: 1119 Merrill Springs Road, Madison, WI 53705

Date: _____
Citizenship: United States of America

Full Name of Second Joint Inventor: **Hatim T. Allawi**

Inventor's Signature: _____
Residence: 1138 N. High Point Road, #110, Madison, WI 53717
Post Office Address: 1138 N. High Point Road, #110, Madison, WI 53717

Date: _____
Citizenship: Jordan

Full Name of Third Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____
Residence: 2523 Carriedale Court, Madison, WI 53711
Post Office Address: 2523 Carriedale Court, Madison, WI 53711

Date: _____
Citizenship: Russia

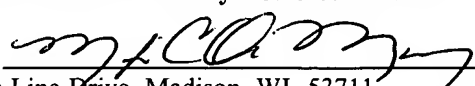
Full Name of Fourth Joint Inventor: **Bruce P. Neri**

Inventor's Signature: Bruce P. Neri
Residence: 5714 Kilkenny Place, Madison, WI 53711
Post Office Address: 5714 Kilkenny Place, Madison, WI 53711


Date: 5/28/04
Citizenship: United States of America

DECLARATION FOR PATENT APPLICATION (cont.)

Full Name of Fifth Joint Inventor: Marilyn C. Olson-Munoz

Inventor's Signature: Residence: 5878 Tree Line Drive, Madison, WI 53711Post Office Address: 5878 Tree Line Drive, Madison, WI 53711Date: 6/28/04Citizenship: United States of America

Full Name of Sixth Joint Inventor: LuAnne Chihak

Inventor's Signature: Residence: 4430 Saratoga Drive, Janesville, WI 53546Post Office Address: 4430 Saratoga Drive, Janesville, WI 53546Date: 6/28/04Citizenship: United States of America

Full Name of Seventh Joint Inventor: Sarah M. Olson

Inventor's Signature: _____

Residence: 2968 Thinnes Street, Cross Plains, WI 53528Post Office Address: 2968 Thinnes Street, Cross Plains, WI 53528

Date: _____

Citizenship: United States of America

DECLARATION FOR PATENT APPLICATION (cont.)

Full Name of Fifth Joint Inventor: Marilyn C. Olson-Munoz

Inventor's Signature: _____

Date: _____

Residence: 5878 Tree Line Drive, Madison, WI 53711

Citizenship: United States of America

Post Office Address: 5878 Tree Line Drive, Madison, WI 53711

Full Name of Sixth Joint Inventor: LuAnne Chehak

Inventor's Signature: _____

Date: _____

Residence: 4430 Saratoga Drive, Janesville, WI 53546

Citizenship: United States of America

Post Office Address: 4430 Saratoga Drive, Janesville, WI 53546

Full Name of Seventh Joint Inventor: Sarah M. Olson

Inventor's Signature: Sarah M. Olson

Date: 7-12-04

Residence: 2968 Thinnes Street, Cross Plains, WI 53528

Citizenship: United States of America

Post Office Address: 2968 Thinnes Street, Cross Plains, WI 53528



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: James E. Dahlberg, *et al.*
Serial No.: 10/740,256
Filed: 12/18/2003
Entitled: Detection of Small Nucleic Acids

Group No.: 1632
Examiner:

POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Third Wave Technologies, Inc., as Assignee of record of the entire interest of the above-identified patent application, hereby appoints the members of the firm of MEDLEN & CARROLL, LLP, a firm composed of:

| | | | |
|---------------------|-------------------|----------------------|-------------------|
| Tanya A. Arenson | (Reg. No. 47,391) | Robert A. Goetz | (Reg. No. 55,210) |
| Donald A. Baricevac | (Reg. No. 44,021) | Maha A. Hamdan | (Reg. No. 43,655) |
| Jason R. Bond | (Reg. No. 45,439) | Thomas C. Howerton | (Reg. No. 48,650) |
| Mary Ann D. Brow | (Reg. No. 42,363) | J. Mitchell Jones | (Reg. No. 44,174) |
| Thomas W. Brown | (Reg. No. 50,002) | Christine A. Lekutis | (Reg. No. 51,934) |
| Peter G. Carroll | (Reg. No. 32,837) | James C. Mason | (Reg. No. 50,255) |
| David A. Casimir | (Reg. No. 42,395) | David J. Wilson | (Reg. No. 45,225) |

as its attorneys with full power of substitution to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith.

Please direct all future correspondence and telephone calls regarding this application to:

Mary Ann D. Brow
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
Telephone: 608/218-6900
Facsimile: 608/218-6910

I hereby certify that the Assignment document filed with the application, or filed subsequent to the filing date of the application, has been reviewed and I hereby certify that, to the best of my knowledge and belief, title is with Third Wave Technologies, Inc.

Dated: July 13, 2004

By: [Signature]

Name: John Combs

Title: Vice President & General Counsel

Third Wave Technologies, Inc.
502 South Rosa Road
Madison, Wisconsin 53719-1256